

1044b UIC - EAST POPLAR OIL FIELD  
ENFORCEMENT CASE SDWA 1431  
Folder ID: 13621 2002 Privileged

Release in full

73 Well Files- Huber 1-W

East Poplar Oil Field  
Enforcement

Region 8



13621

# HISTORY



{ T28N, R51E, Sec. 10 }  
710' NL; 1380' EL

HUBER #1-W

Montana / Roosevelt Co.

By: N. Wisser  
9-25-02

Well History

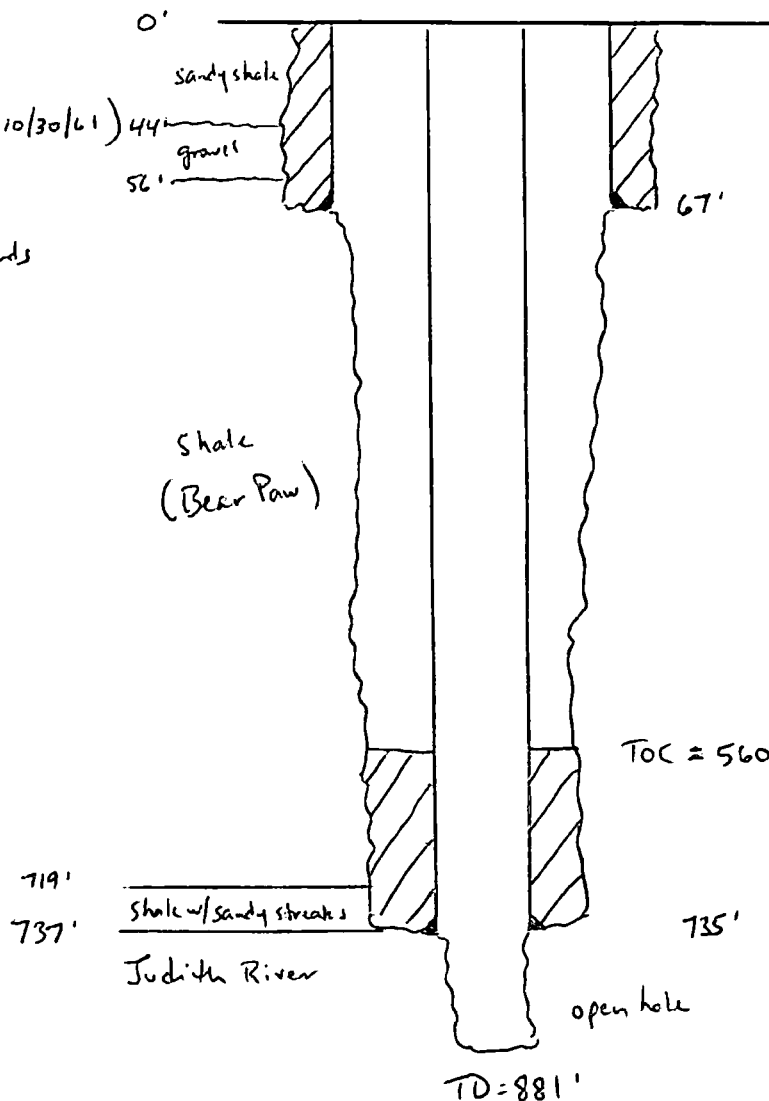
1961 Drilled

(10/21/61 - 10/30/61)

44' sandy shale  
52' gravel

No other records

Salt Water Disposal Well



$10\frac{3}{4}" (32\frac{1}{2} \text{ lb/ft})$  csg set w/ 75 sx.

Assume hole size =  $12\frac{3}{4}"$

$(3.9010 \frac{\text{ft}^3}{\text{ft}}) (75 \text{ sx}) (1.14 \frac{\text{ft}^3}{\text{sx}}) = 334'$

TOC = 0' (calc)

TOC  $\approx$  560'-569'

719'

737'

shale w/ sandy streaks

Judith River

735'

open hole

TD = 881'

must be  $2\frac{7}{8}"$ , not  $2\frac{1}{2}"$  (due to weight)  
 $2\frac{1}{2}" (6\frac{1}{2} \text{ lb/ft})$  csg set w/ 45 sx.

Assume hole size =  $7\frac{7}{8}"$

$(3.4111 \frac{\text{ft}^3}{\text{ft}}) (45 \text{ sx}) (1.14 \frac{\text{ft}^3}{\text{sx}}) = 175'$

TOC = 560' (calc.)

well log indicates cmt interval 735'-569'

{ T28N, R51E, Sec. 10 }  
710' NL; 1380' EL

HUBER #1-W

Montana / Roosevelt Co.

By: N. Wisser  
9-25-02

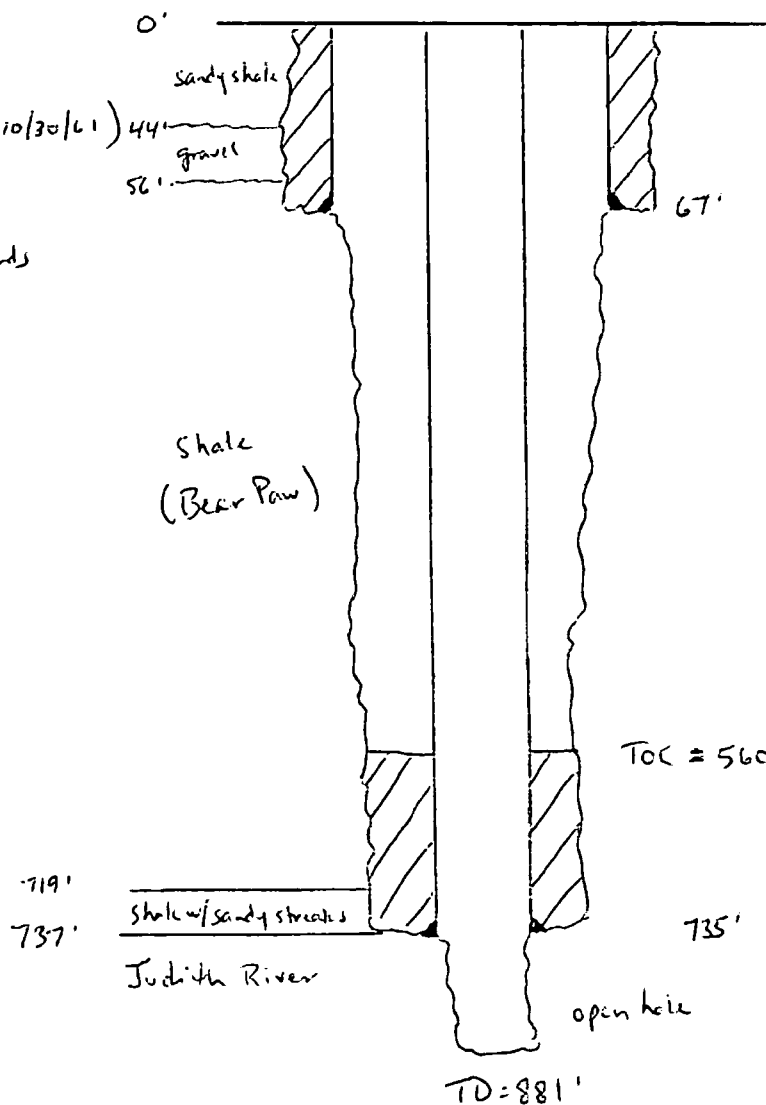
Well History

Salt Water Disposal Well

1961 Drilled

(10/21/61 - 10/30/61)

No other records



$10\frac{3}{4}" (32\frac{1}{2} \text{ lb/ft})$  csg set w/ 75 sx.

Assume hole size =  $12\frac{3}{4}"$

$(3.9010 \frac{\text{ft}^3}{\text{ft}})(75 \text{ sx})(1.14 \frac{\text{ft}^3}{\text{sx}}) = 334'$

TOC = 0' (calc)

TOC  $\approx$  560'-569'

must be  $2\frac{7}{8}"$ , not  $2\frac{1}{2}"$  (due to weight)  
 $2\frac{1}{2}" (6\frac{1}{2} \text{ lb/ft})$  "csg" set w/ 45 sx.

Assume hole size =  $7\frac{7}{8}"$

$(3.4111 \frac{\text{ft}^3}{\text{ft}})(45 \text{ sx})(1.14 \frac{\text{ft}^3}{\text{sx}}) = 175'$

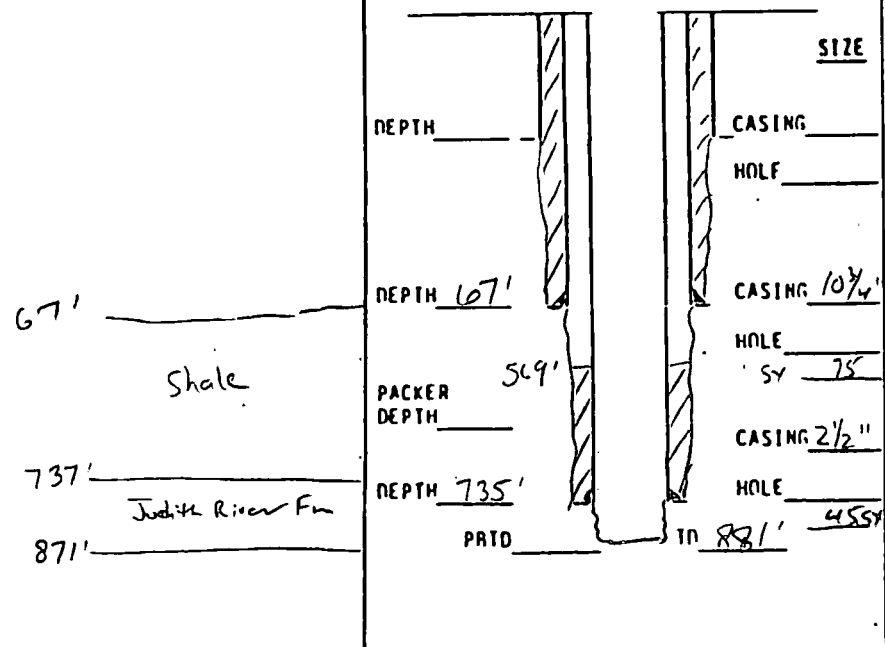
TOC = 560' (calc.)

well log indicates cmt interval 735'-569'

Huber #1-W (Injection well)  
 { T28N R51E S10 }  
 { T10' NL 1380' EL. }

Drilled 10-21-61 → 10-30-61  
 Rotary drill

By: N. Wisar



PERMIT  
APPLICATIONS





085-08019

RECEIVED  
Form No. 4  
(Gen. Rule 206.2 & 231)

NOV 14 1981

## LOCATE WELL CORRECTLY


(SUBMIT IN TRIPLICATE)  
TOOIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA  
BILLINGS OR SHELBYOIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA

## LOG OF WELL

Water Injection Well  
in Judith RiverCompany E. A. Columbus, Jr. Lease Huber Well No. 1-WAddress Denver, Colorado Field (or Area) East PoplarThe well is located 710 ft. from (N) line and 1380 ft. from (E) line of Sec. 10Sec. 10; T. 28N; R. 51E; County Roosevelt; Elevation 2,090 G.L.  
(D.F., R.B. or G.L.)Commenced drilling 10-21, 1961; Completed 10-30, 1961

The information given herewith is a complete and correct record of the well. The summary on this page is for the condition of the well at the above date.

Completed as Water Injection Well  
(oil well, gas well, dry hole)Signed D. M. ForeTitle Eng.Date Oct 31, 1961

## IMPORTANT ZONES OF POROSITY

(denote oil by O, gas by G, water by W; state formation if known)

From <u>737</u> to <u>871 - Judith River - W</u>	From _____ to _____
From _____ to _____	From _____ to _____
From _____ to _____	From _____ to _____
From _____ to _____	From _____ to _____

## CASING RECORD

Size Casing	Weight Per Ft.	Grade	Thread	Casing Set	From	To	Sacks of Cement	Cut and Pulled from
10 3/4"	32-40#	-	8rd	67'	67'	Surf.	75	
2 1/2"	6.5		8rd	735'	735'	Surf.	45	
2 1/2" Reg. I & R Nipple @ 547.43'								

## TUBING RECORD

Size Tubing	Weight Per Ft.	Grade	Thread	Amount	Perforations

RECEIVED  
NOV 13 1961OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA - BILLINGS

## COMPLETION RECORD

Rotary tools were used from - 0 - to 881

Cable tools were used from - to -

Total depth 881 ft.; Plugged back to - T.D.; Open hole from 735' to 881'

PERFORATIONS			ACIDIZED, SHOT, SAND FRACED, CEMENTED			
Interval		Number and Size and Type	Interval		Amount of Material Used	Pressure
From	To		From	To		
			67'	0	75 sacks reg.	
			735'	569'	45 sacks reg.	

(If P&amp;A show plugs above)

## INITIAL PRODUCTION

Well is producing from Judith River (pooh) formation.

I. P. \_\_\_\_\_ barrels of oil per \_\_\_\_\_ hours (pumping or flowing)

\_\_\_\_\_ Mcf of gas per \_\_\_\_\_ hours.

696 barrels of water per 24 hours, or \_\_\_\_\_ % W.C.

(OVER)

## INITIAL PRODUCTION—(Continued)

Initial 10-day average production \_\_\_\_\_ (bbl./day) (if taken)

Pressures (if measured): Tubing \_\_\_\_\_ psi flowing; \_\_\_\_\_ psi shut-in  
Casing \_\_\_\_\_ psi flowing; 100 psi shut-in

Gravity \_\_\_\_\_ ° API (corrected to 60° F.)

## DRILL STEM TESTS

D.S.T. No.	From	To	Tool Open (Min.)	Shut-In	F.P.	S.I.P.	Recovery	Cushion

## LOGS RUN

Type	Intervals	
	From	To

## FORMATION RECORD

From	To	SAMPLE AND CORE NO. AND DESCRIPTION	Top of Formation
0	44	Sandy shale with gravel streaks.	
44	56	Pea gravel.	
56	67	Shale (casing point to surface casing)	
67	719	Shale	
719	721	Shale with thin sand streaks	
721	737	Shale	
737	756	Sand - Sample #1 through #9 (thick shale laminations)	737' Judith Rive
756	794	Sand - Sample #10 through #28 (fine texture, dirty, with thin sand streaks)	
794	801	Shale - Sample #29 through #31 (shale with thin sand streaks)	
801	869	Sand - Sample #32 through #66 (sand - light brown, good pore slight gas odor)	
869	871	Sand - Sample #67 (sand, light gray, very hard)	
871	881	Shale - Sample #68 through #73	

Received  
Office of Enforcement

JUL 13 1999

CHIEF OF ENFORCEMENT

SERVICE & TESTING

PRODUCTION &  
INJECTION DATA

.





Submit in Quadruplicate To:  
**MONTANA BOARD OF OIL AND GAS CONSERVATION**  
 2535 ST. JOHNS AVENUE  
 BILLINGS, MONTANA 59102

# **SUNDRY NOTICES AND REPORT OF WELLS**

Operator <b>SAMSON RESOURCES</b>		Lease Name: <b>HUBER</b>
Address <b>TWO WEST 2nd STREET</b>		Lease Type (Private/State/Federal): <b>PRIVATE</b>
City <b>TULSA</b>	State <b>OK</b>	Well Number: <b>1W</b>
Zip Code <b>74103-3103</b>		Unit Agreement Name:
Telephone Number (918) <b>583-1791</b> Fax Number (918) <b>591-1702</b>		Field Name or Wildcat: <b>POPLAR EAST</b>
Location of well (1/4-1/4 section and footage measurements):  <b>NW NE, 710 FNL, 1380 FEL</b>		Section, Township, and Range: <b>10-28N-51E</b>
If directionally or horizontally drilled, show both surface and bottom hole locations)		County: <b>ROOSEVELT</b>
API Number: <b>25 085 081014</b>	Well Type (oil, gas, injection, other): <b>Pre-UIC Program TA'd Disposal Well</b>	

Indicate below with an X the nature of this notice, report, or other data:

Notice of Intention to Change plans	<input type="checkbox"/>	Subsequent Report of Mechanical Integrity Test	<input type="checkbox"/>
Notice of Intention to Run Mechanical Integrity Test	<input type="checkbox"/>	Subsequent Report of Stimulation or Chemical Treatment	<input type="checkbox"/>
Notice of Intention to Stimulate or to Chemically Treat	<input type="checkbox"/>	Subsequent Report of Perforation or Cementing	<input type="checkbox"/>
Notice of Intention to Perforate or to Cement	<input type="checkbox"/>	Subsequent Report of Well Abandonment	<input type="checkbox"/>
Notice of Intention to Abandon Well	<input checked="" type="checkbox"/>	Subsequent Report of Pulled or Altered Casing	<input type="checkbox"/>
Notice of Intention to Pull or After Casing	<input type="checkbox"/>	Subsequent Report of Drilling Waste Disposal	<input type="checkbox"/>
Notice of Intention to Change Well Status	<input type="checkbox"/>	Subsequent Report of Production Waste Disposal	<input type="checkbox"/>
Supplemental Well History	<input type="checkbox"/>	Subsequent Report of Change in Well Status	<input type="checkbox"/>
Other (specify) _____	<input type="checkbox"/>	Subsequent Report of Gas Analysis (ARM 36.22.1222)	<input type="checkbox"/>

## **Describe Proposed or Completed Operations:**

Describe planned or completed work in detail. Attach maps, well-bore configuration diagrams, analyses, or other information as necessary. Indicate the intended starting date for proposed operations or the completion date for completed operations.

See attached procedure. Plugging will commence upon approval.

<b>BOARD USE ONLY</b> Approved <u><b>AUG 19 2002</b></u> Date <b>Original Signed By</b> <b>Steven P. Sasaki, Chief Field Inspector</b> Name Title		The undersigned hereby certifies that the information contained on this application is true and correct: 8/5/02 <u><i>[Signature]</i></u> Date Signed (Agent) <b>Robert F. Schaffitzel, District Engineer</b> Print Name & Title
--	--	--

**Huber 1W**  
Sec. 10-T28N-R51E  
Roosevelt County, MT  
API No. 25-085-08014  
**Plug and Abandonment Procedure**



1. MIRU service unit. NU on 10-3/4" surface casing.
2. RU wireline. TIH w/ Magna Range 1-3/4" OD CIBP. Set CIBP @ 730'. TOOH w/ setting tool.
3. TIH w/ bailer and spot 30' cement plug from 730' to 700'.
4. TIH with cutter to 569'. Cut 2-7/8" casing.
5. Remove 2-7/8" casing from surface to 569'.
6. TIH with workstring and spot cement plug from 569' to surface. Hole conditions will dictate the number of balanced plugs to be utilized. A continuous cement plug will be placed from 569' to surface.
7. Cut 10-3/4" casing off below plow depth, weld steel cap with nameplate.
8. Reclaim location.